

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100855.D
 Acq On : 11 Dec 2019 20:34
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

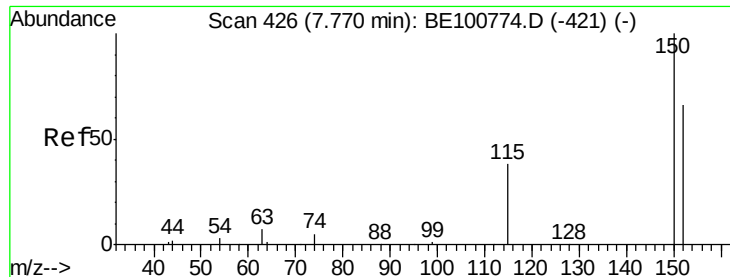
Quant Time: Dec 12 04:43:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4887	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23990	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13467	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29534	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	24257	0.40	ng	0.00
34) Perylene-d12	23.74	264	28345	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	5278	0.46	ng	0.00
5) Phenol-d6	6.93	99	8396	0.48	ng	0.00
8) Nitrobenzene-d5	8.90	82	6310	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15999	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	902	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	22503	0.42	ng	-0.01
25) Fluoranthene-d10	19.15	212	128921	0.37	ng	-0.01
29) Terphenyl-d14	19.76	244	26532	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	4096	0.460	ng	98
3) n-Nitrosodimethylamine	3.65	42	3127	0.431	ng	95
6) bis(2-Chloroethyl)ether	7.19	93	7840	0.463	ng	94
9) Naphthalene	10.59	128	115991	0.455	ng	100
10) Hexachlorobutadiene	10.89	225	4404	0.443	ng	98
12) 2-Methylnaphthalene	12.21	142	18358	0.461	ng	99
16) Acenaphthylene	14.11	152	24706	0.443	ng	100
17) Acenaphthene	14.46	154	17416	0.454	ng	98
18) Fluorene	15.42	166	22292	0.450	ng	98
20) 4-Bromophenyl-phenylether	16.32	248	6461	0.446	ng	# 77
21) Hexachlorobenzene	16.44	284	7109	0.452	ng	98
22) Pentachlorophenol	16.77	266	570	0.523	ng	88
23) Phenanthrene	17.16	178	39977	0.447	ng	99
24) Anthracene	17.25	178	31252	0.418	ng	98
26) Fluoranthene	19.18	202	40846	0.383	ng	100
28) Pyrene	19.54	202	39666	0.503	ng	100
30) Benzo(a)anthracene	21.28	228	31677	0.443	ng	99
31) Chrysene	21.34	228	40675	0.484	ng	96
32) Bis(2-ethylhexyl)phthalate	21.23	149	29354	0.581	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.31	276	35519	0.485	ng	99
35) Benzo(b)fluoranthene	23.00	252	33211	0.428	ng	99
36) Benzo(k)fluoranthene	23.05	252	37716	0.433	ng	99
37) Benzo(a)pyrene	23.63	252	27865	0.415	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	28634	0.428	ng	99
39) Benzo(g,h,i)perylene	27.10	276	31708	0.444	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

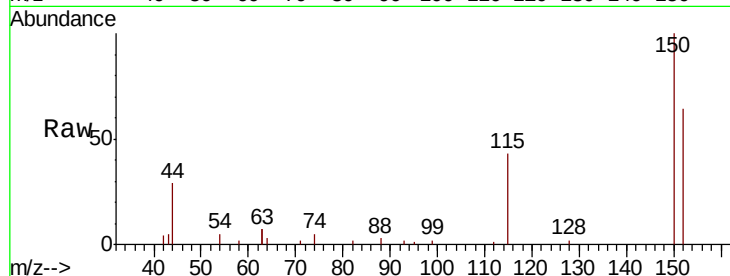


#1

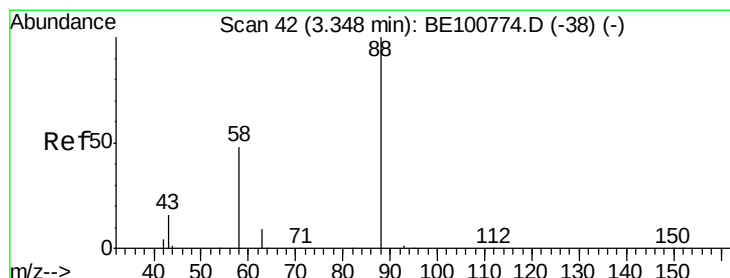
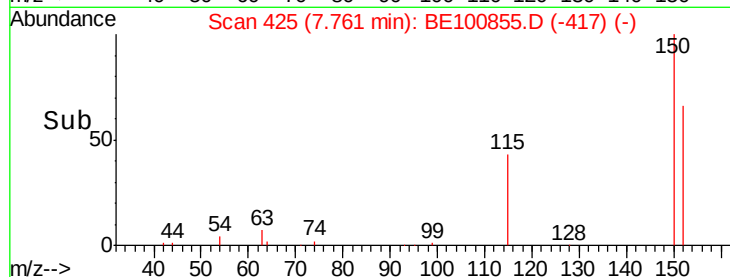
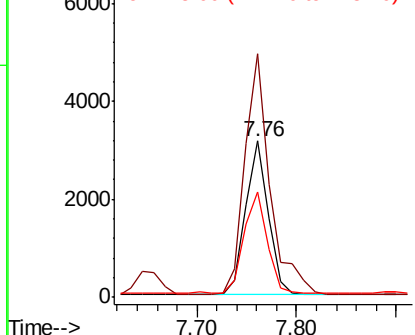
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 4887
Ion Ratio Lower Upper
152 100
150 155.7 120.6 181.0
115 67.5 47.4 71.2



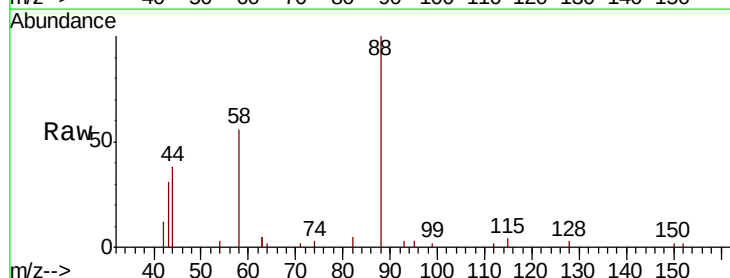
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



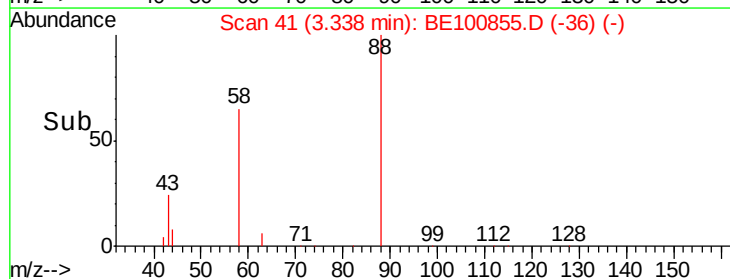
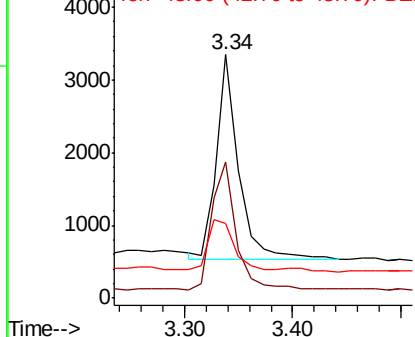
#2

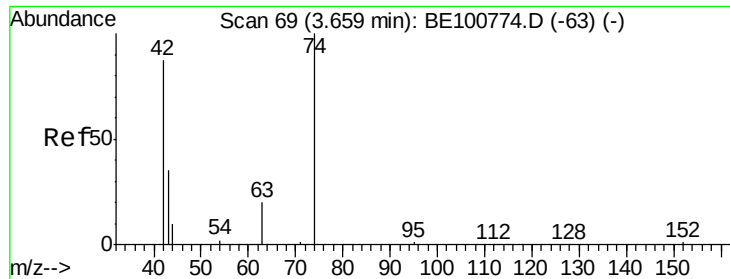
1,4-Dioxane
Concen: 0.460 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion: 88 Resp: 4096
Ion Ratio Lower Upper
88 100
58 67.6 52.5 78.7
43 28.1 23.0 34.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.431 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

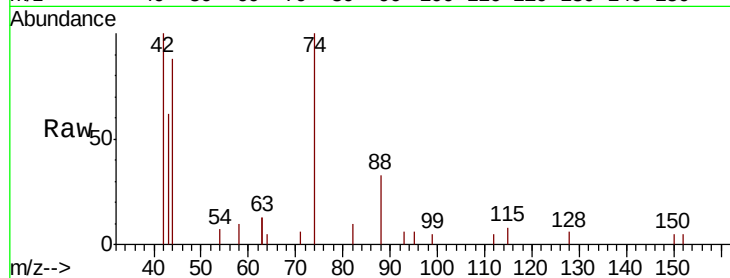
Tot Ion: 42 Resp: 3127

Ion Ratio Lower Upper

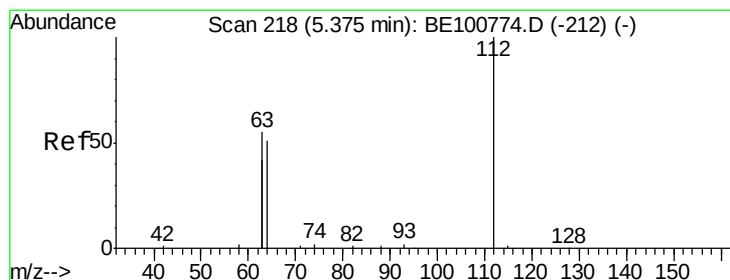
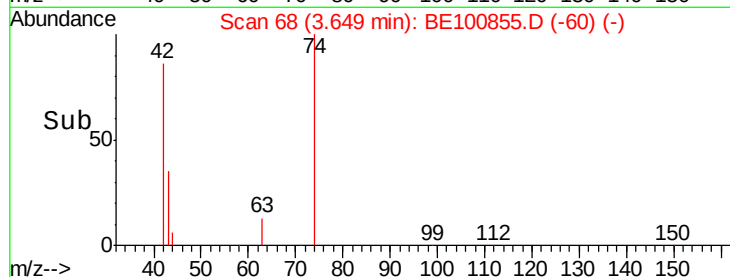
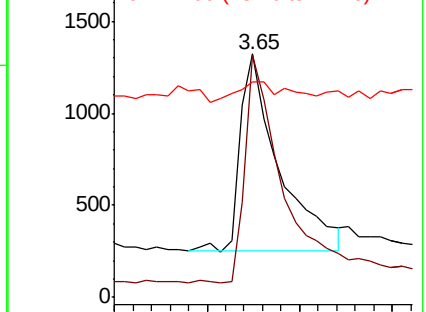
42 100

74 113.6 86.3 129.5

44 13.8 11.6 17.4



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.455 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

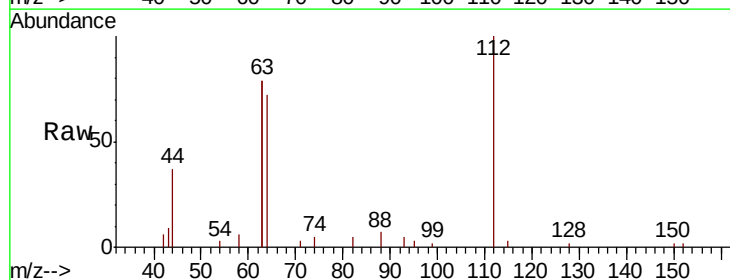
Tgt Ion: 112 Resp: 5278

Ion Ratio Lower Upper

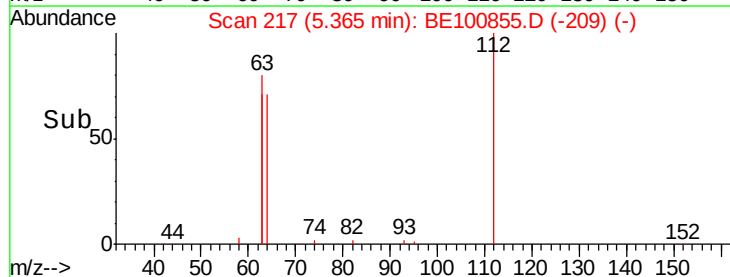
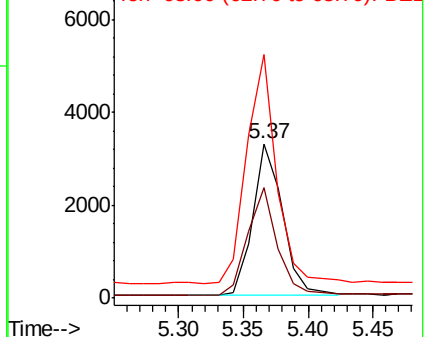
112 100

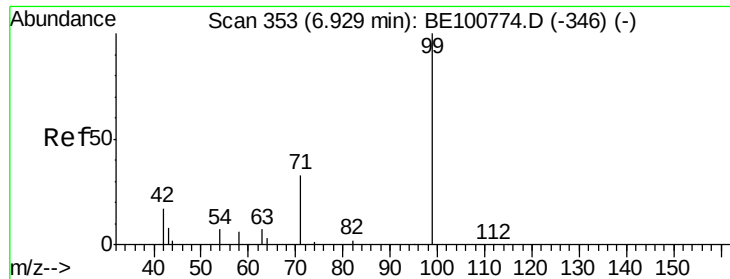
64 69.7 54.1 81.1

63 149.1 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.480 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

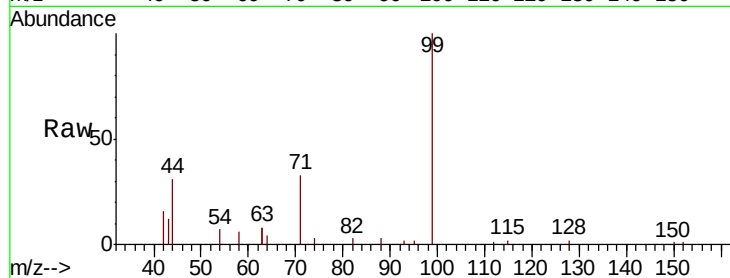
Tot Ion: 99 Resp: 8396

Ion Ratio Lower Upper

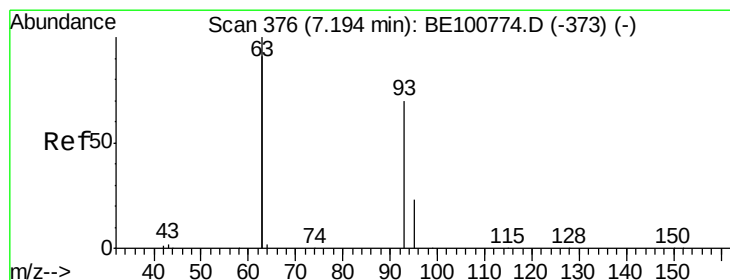
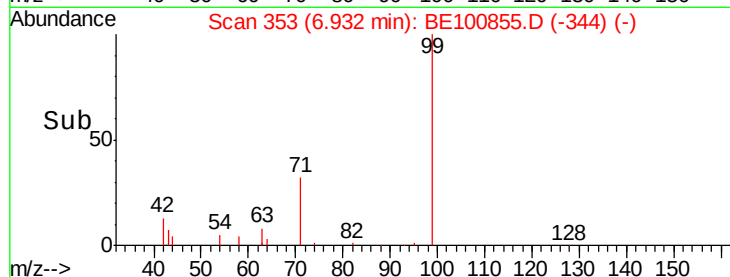
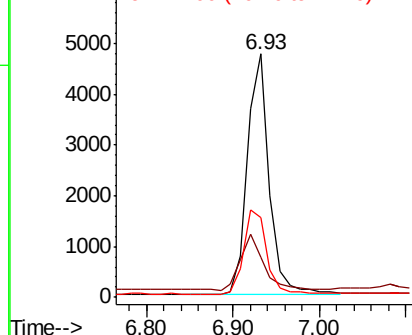
99 100

42 22.4 19.1 28.7

71 36.6 27.7 41.5



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.463 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

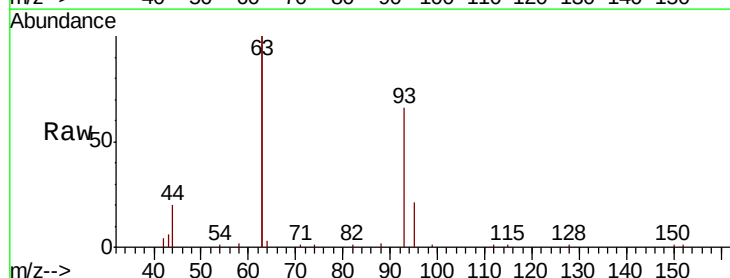
Tgt Ion: 93 Resp: 7840

Ion Ratio Lower Upper

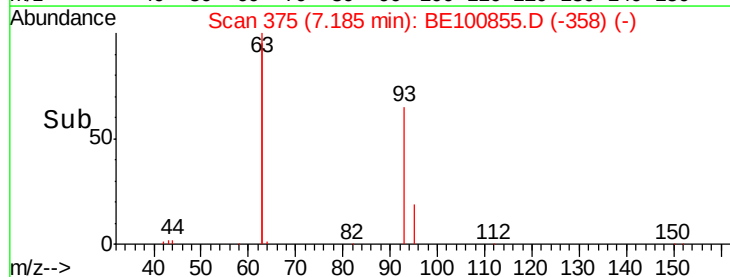
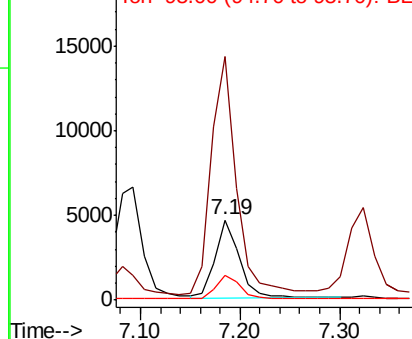
93 100

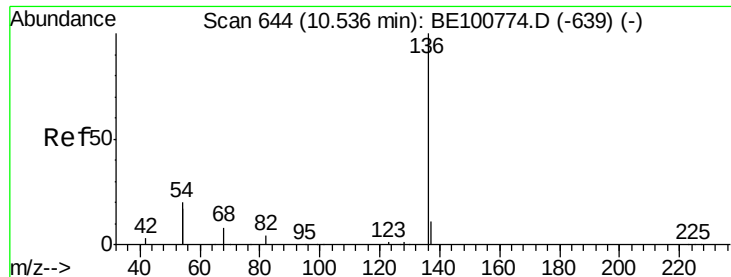
63 311.1 259.4 389.0

95 31.3 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 23990

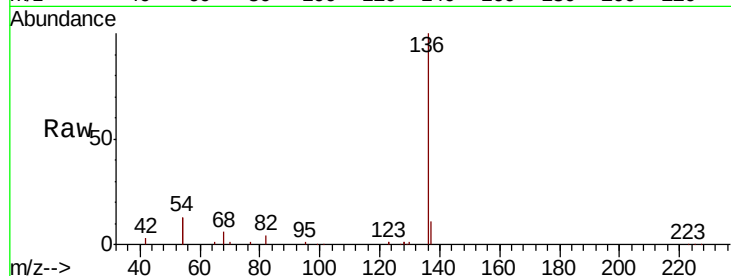
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 25.1 31.1 46.7#

68 5.8 6.6 10.0#

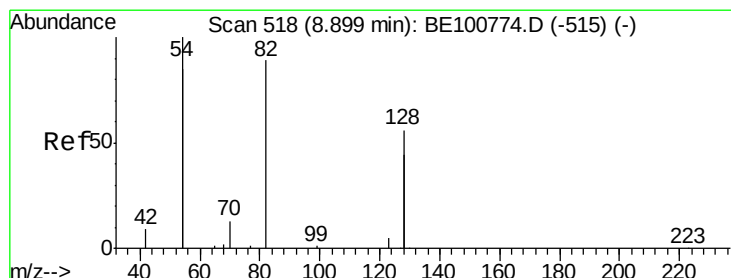
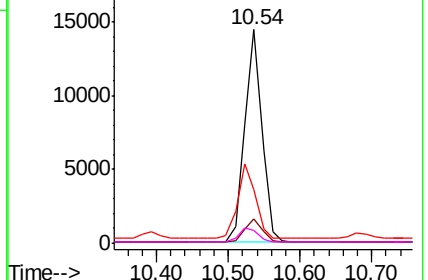
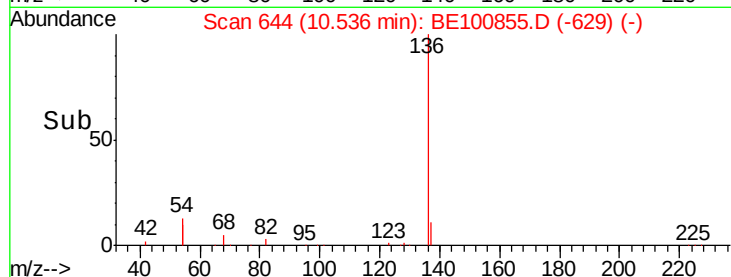


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.552 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

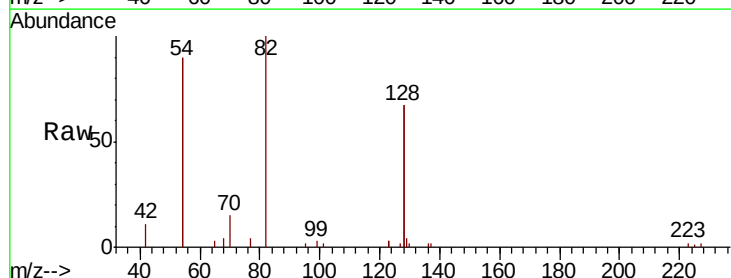
Tgt Ion: 82 Resp: 6310

Ion Ratio Lower Upper

82 100

128 133.9 97.0 145.4

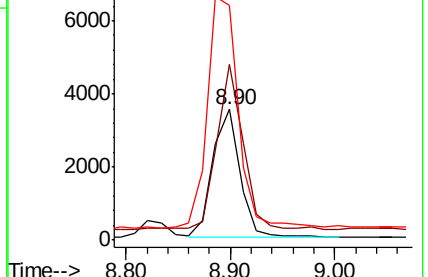
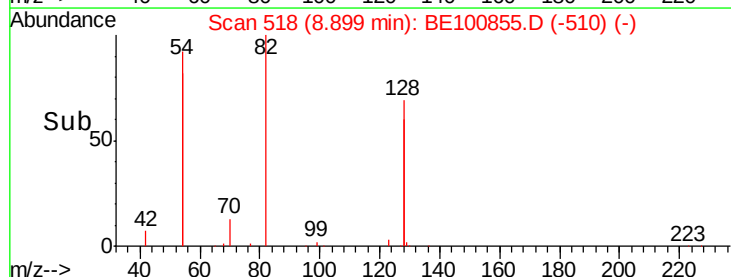
54 179.4 171.8 257.6

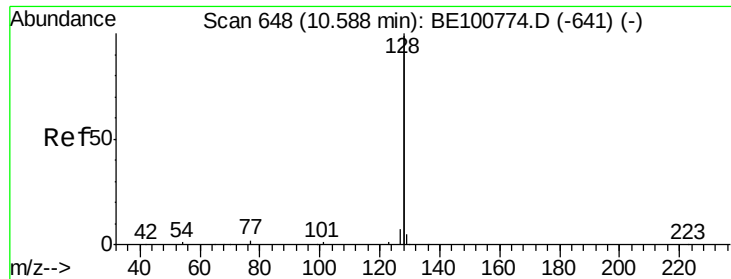


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.455 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

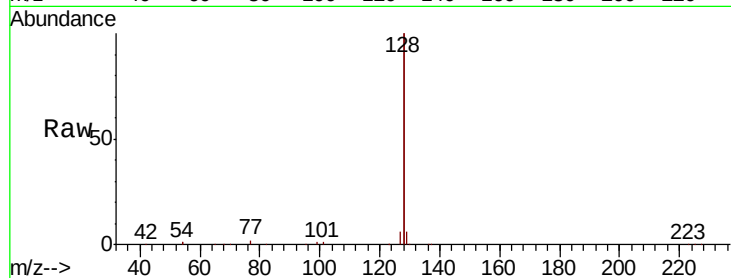
Tot Ion:128 Resp: 115991

Ion Ratio Lower Upper

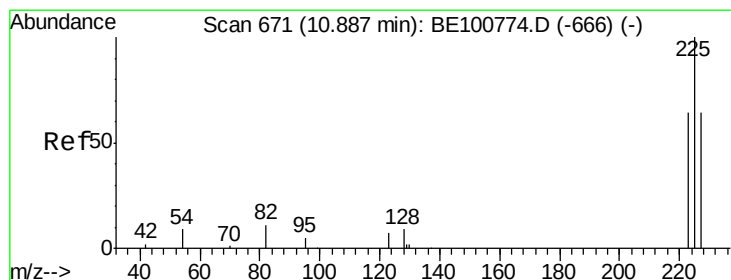
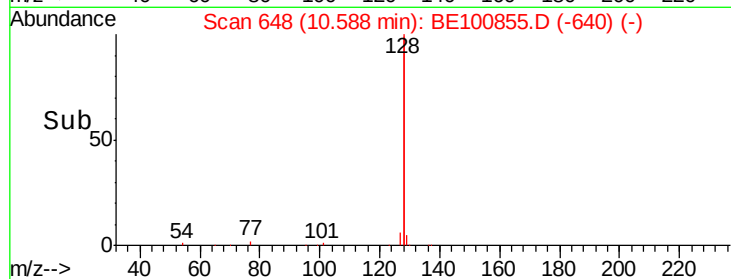
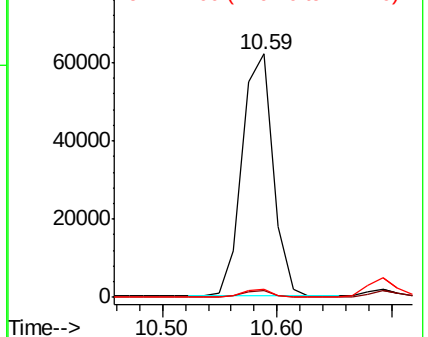
128 100

129 2.8 2.2 3.4

127 3.2 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.443 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

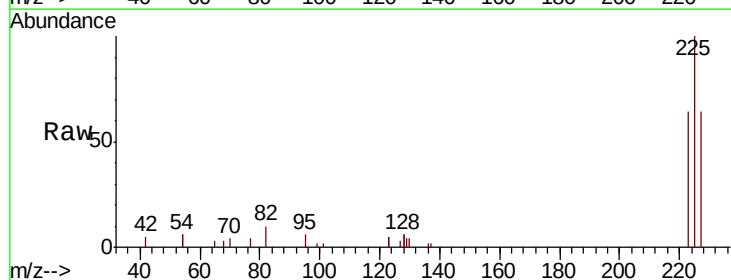
Tgt Ion:225 Resp: 4404

Ion Ratio Lower Upper

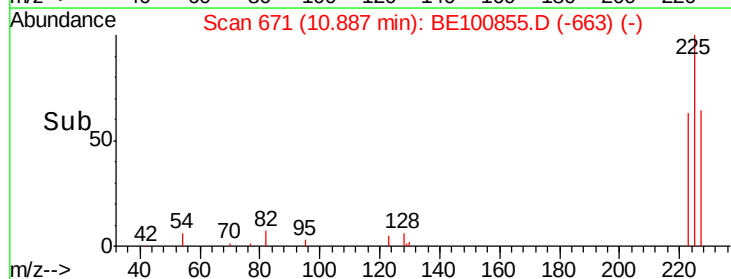
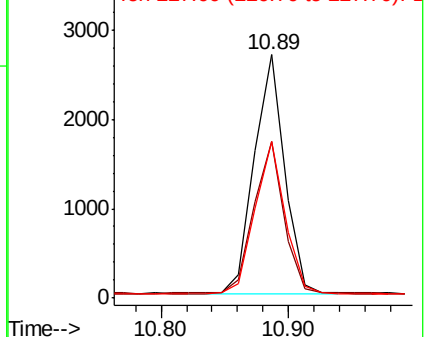
225 100

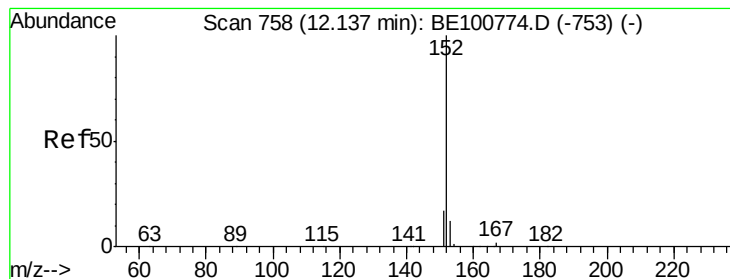
223 61.9 49.9 74.9

227 63.0 52.2 78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

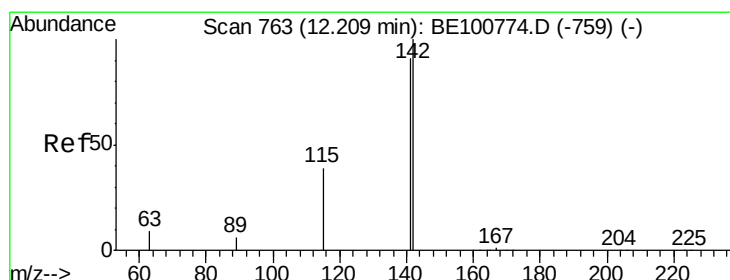
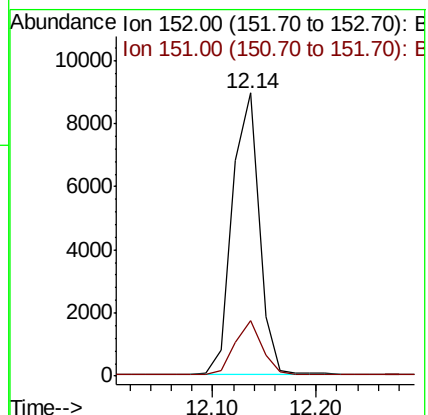
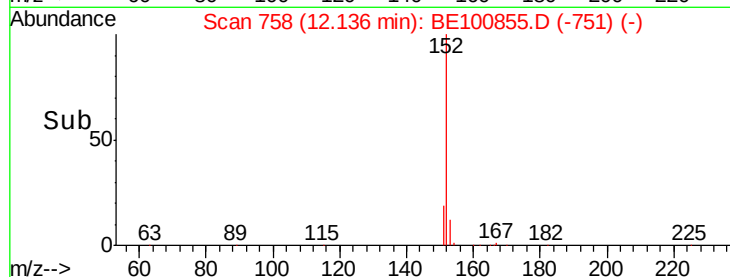
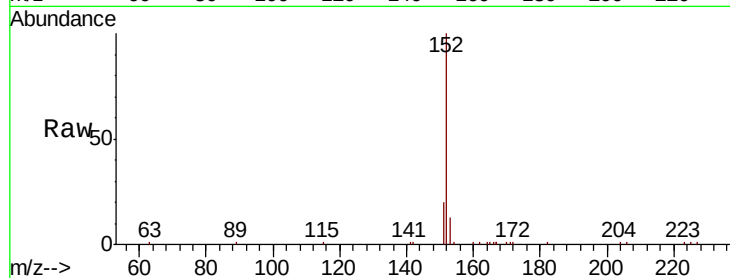
SSTDCCC0.4EC

Tot Ion:152 Resp: 15999

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8



#12

2-Methylnaphthalene

Concen: 0.461 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

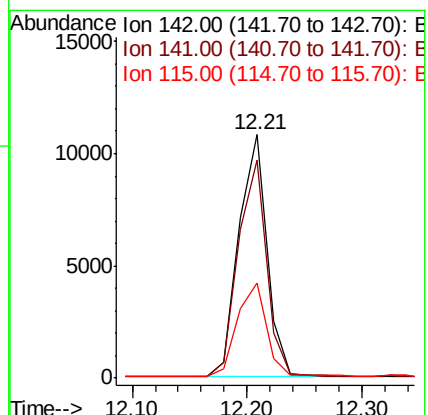
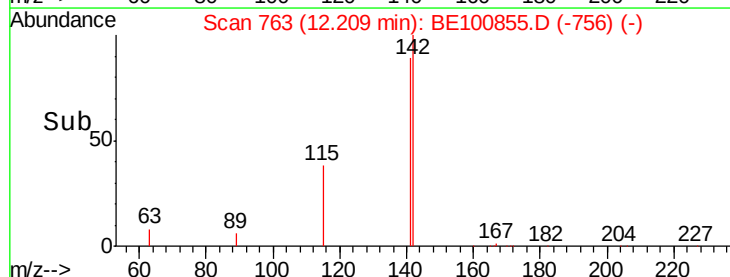
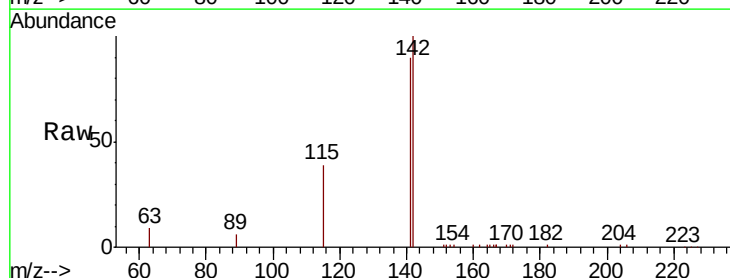
Tgt Ion:142 Resp: 18358

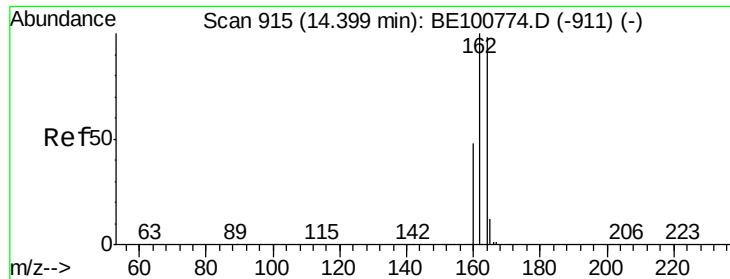
Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8

115 39.1 31.8 47.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

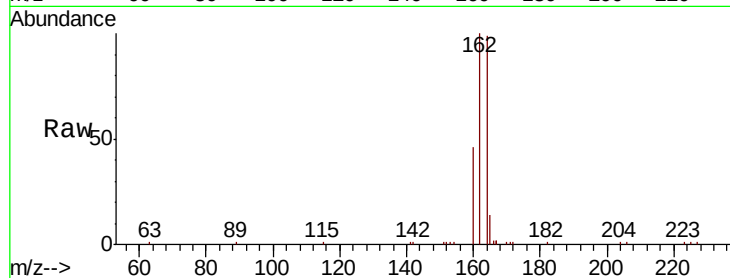
Tot Ion:164 Resp: 13467

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

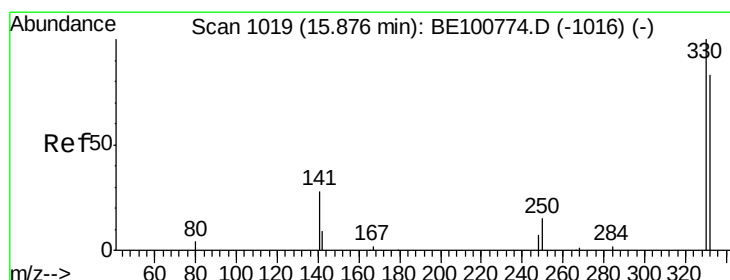
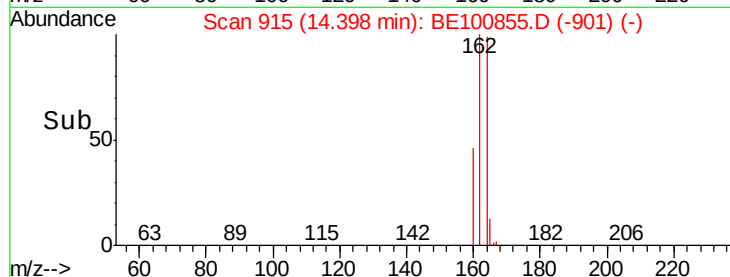
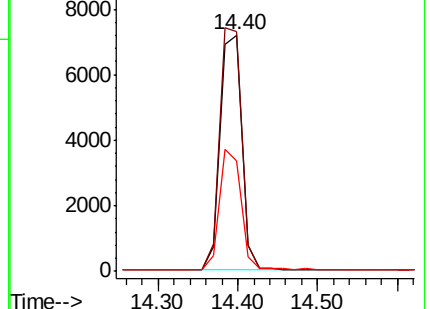
160 46.8 39.4 59.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.602 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

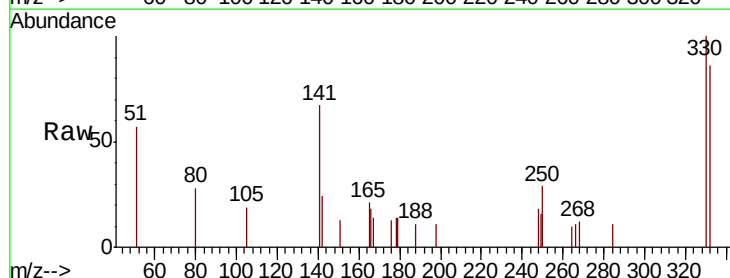
Tgt Ion:330 Resp: 902

Ion Ratio Lower Upper

330 100

332 93.9 69.4 104.2

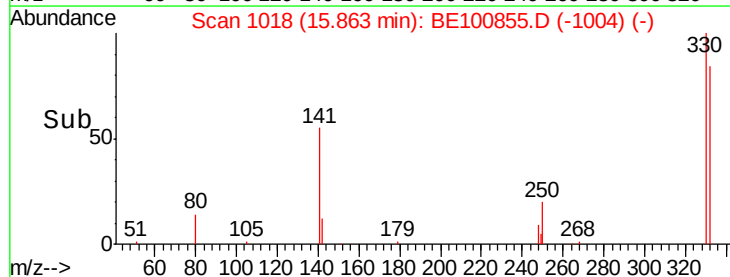
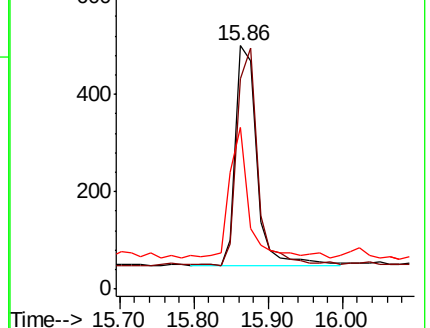
141 55.7 51.1 76.7

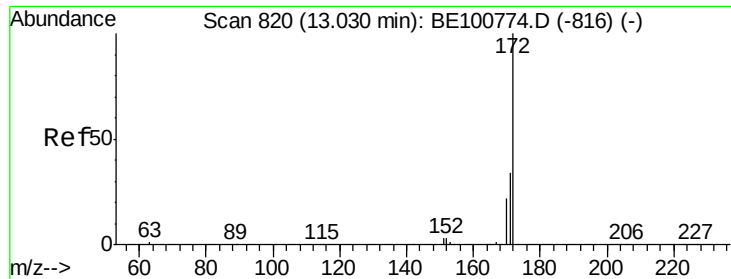


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

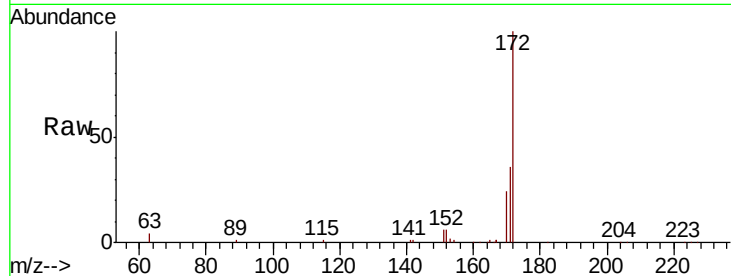




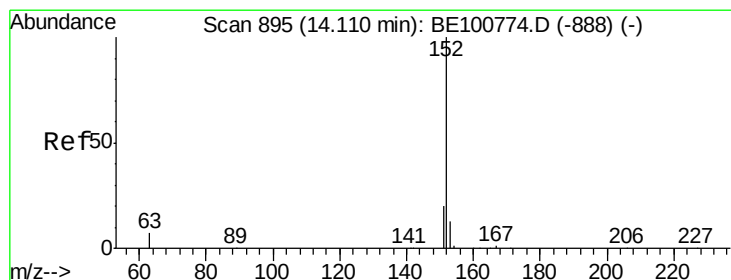
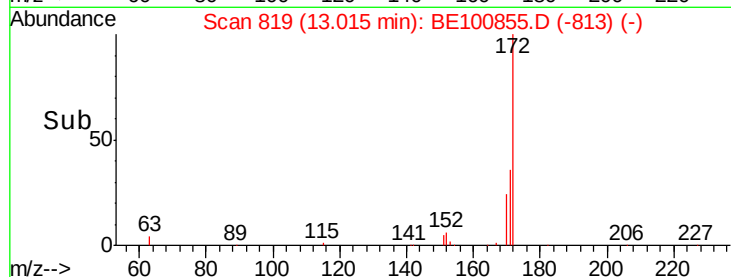
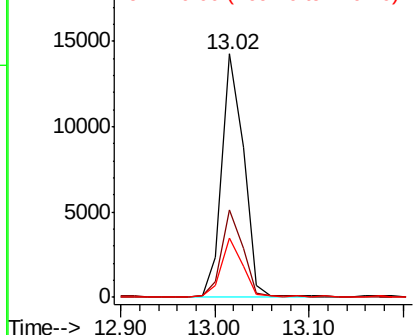
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 22503
Ion Ratio Lower Upper
172 100
171 36.0 27.2 40.8
170 24.3 18.0 27.0

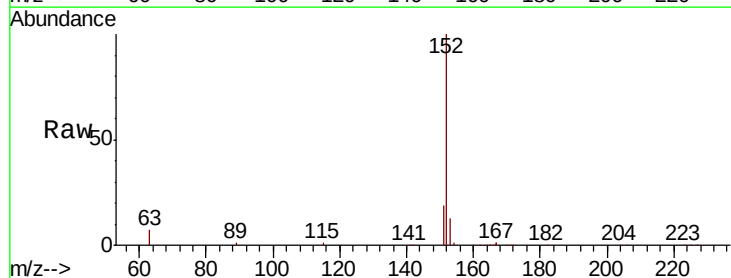


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

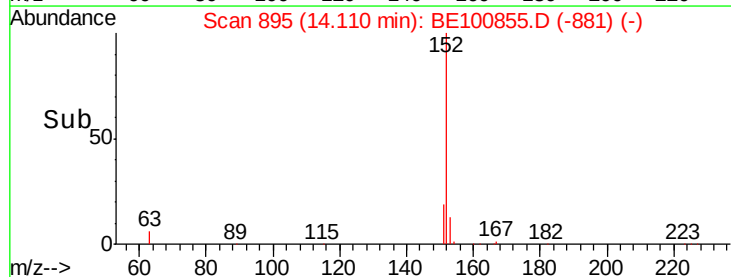
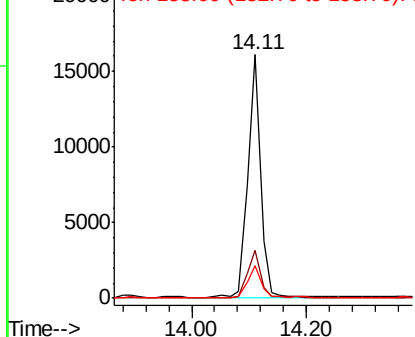


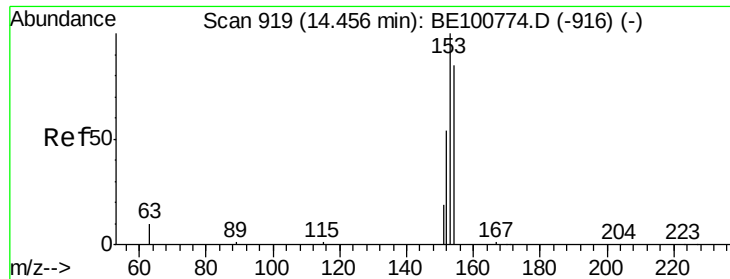
#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:152 Resp: 24706
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

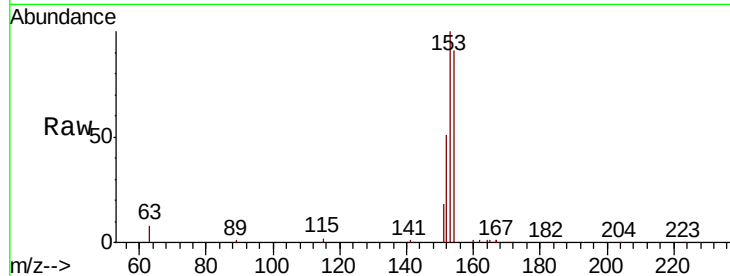




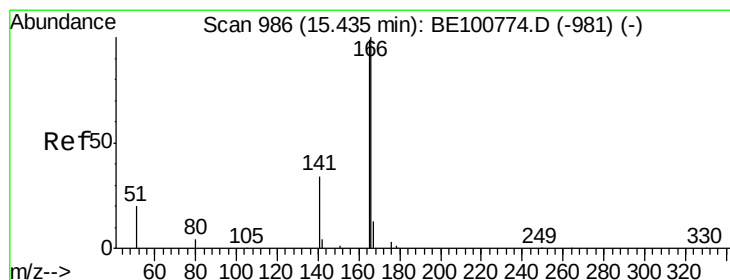
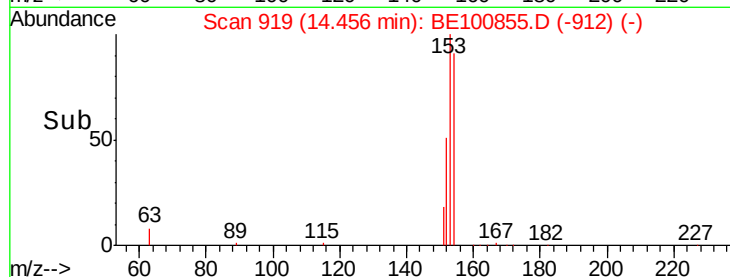
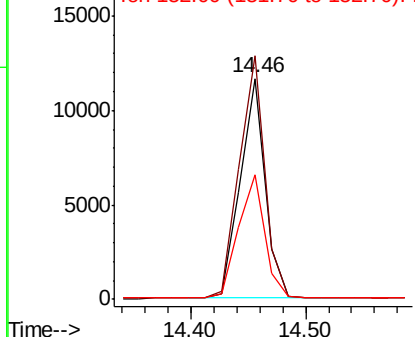
#17
Acenaphthene
Concen: 0.454 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 17416
Ion Ratio Lower Upper
154 100
153 112.9 92.2 138.2
152 59.8 49.1 73.7

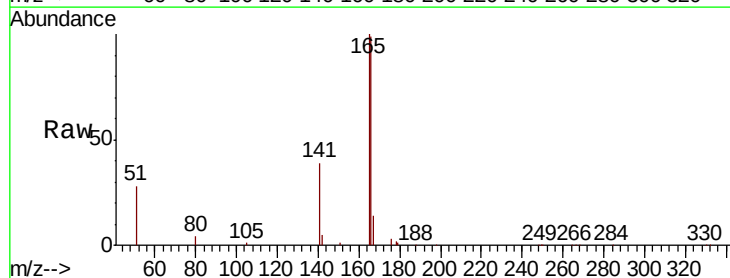


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

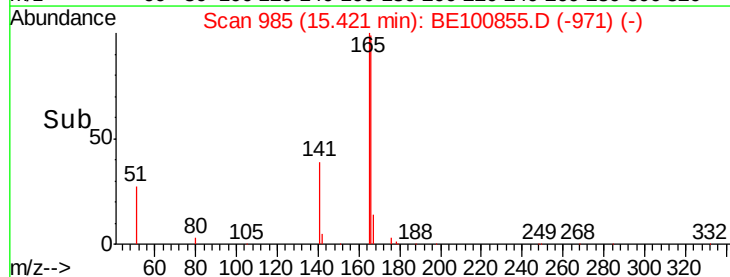
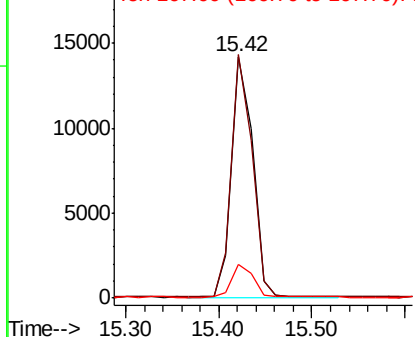


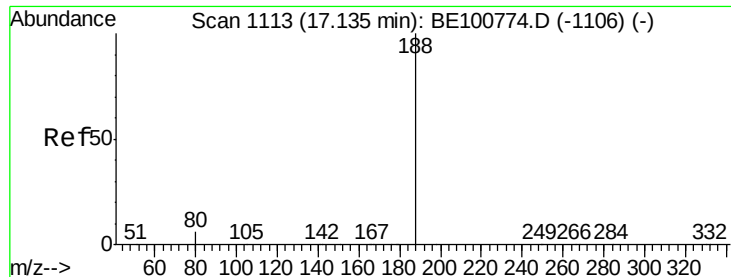
#18
Fluorene
Concen: 0.450 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:166 Resp: 22292
Ion Ratio Lower Upper
166 100
165 98.6 80.5 120.7
167 13.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

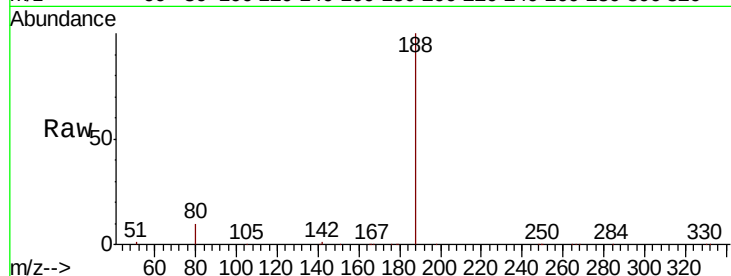
Tot Ion:188 Resp: 29534

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

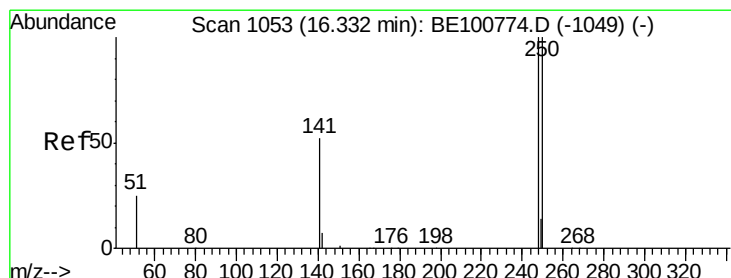
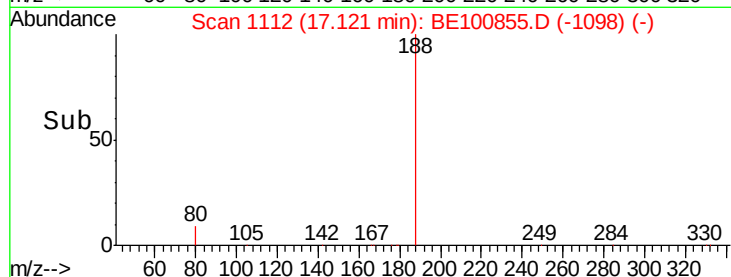
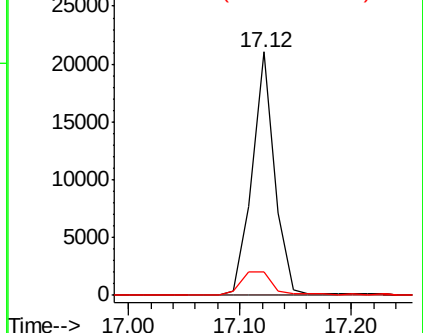
80 9.8 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.446 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

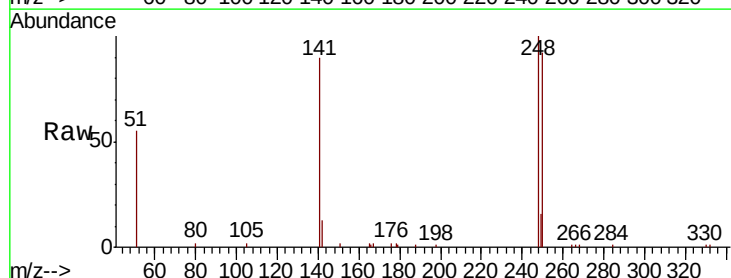
Tgt Ion:248 Resp: 6461

Ion Ratio Lower Upper

248 100

250 92.0 80.5 120.7

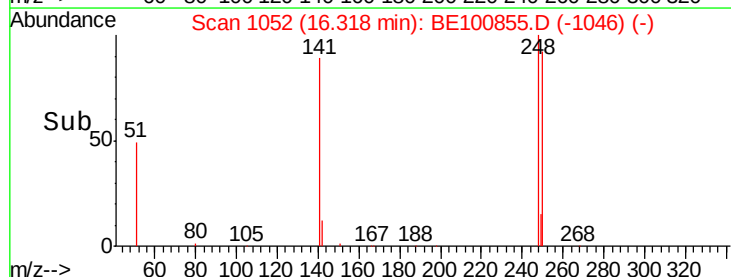
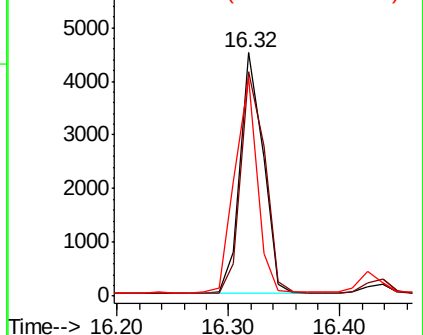
141 89.5 42.6 64.0#

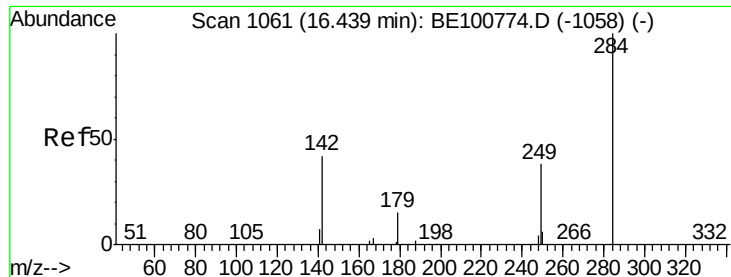


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

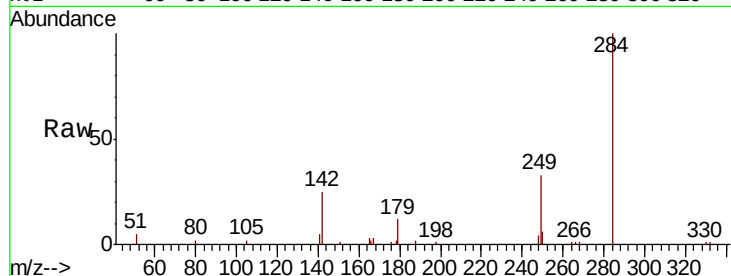




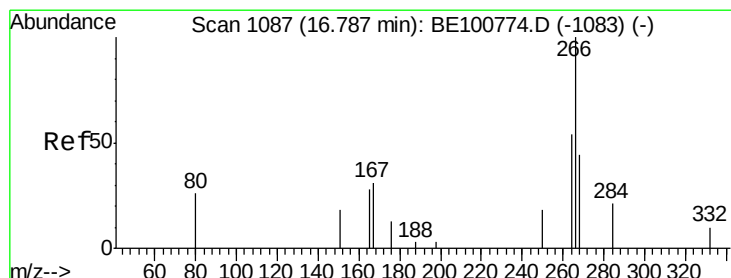
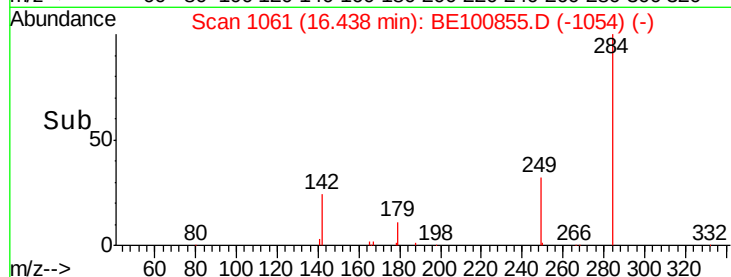
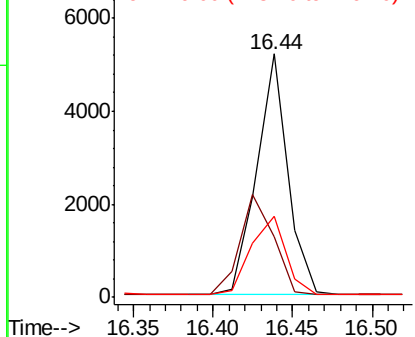
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 7109
Ion Ratio Lower Upper
284 100
142 45.0 34.4 51.6
249 36.2 28.5 42.7

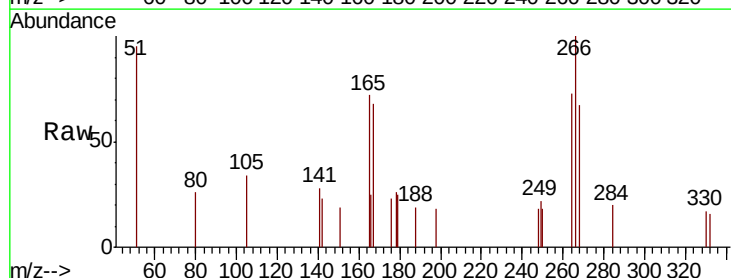


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

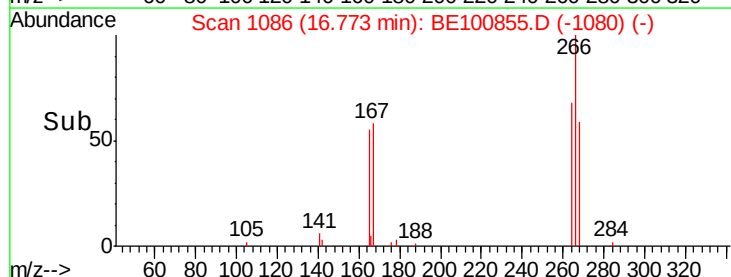
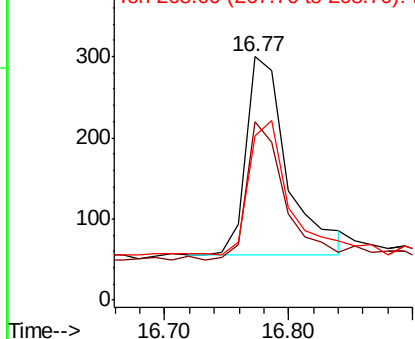


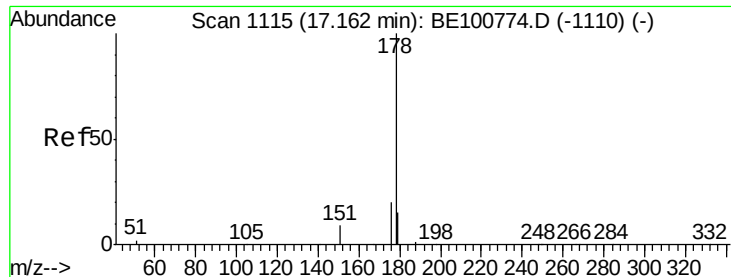
#22
Pentachlorophenol
Concen: 0.523 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100855.D
Acq: 11 Dec 2019 20:34

Tgt Ion:266 Resp: 570
Ion Ratio Lower Upper
266 100
264 73.0 63.4 95.0
268 67.3 65.8 98.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.447 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

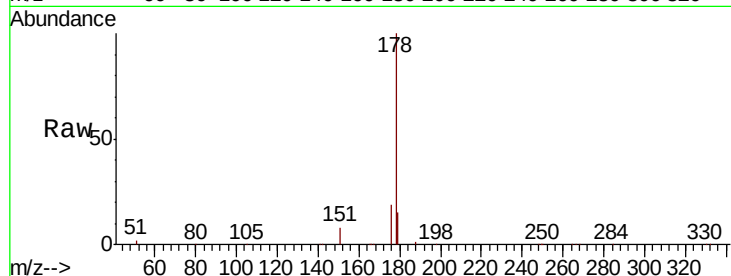
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 39977

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.3	18.5

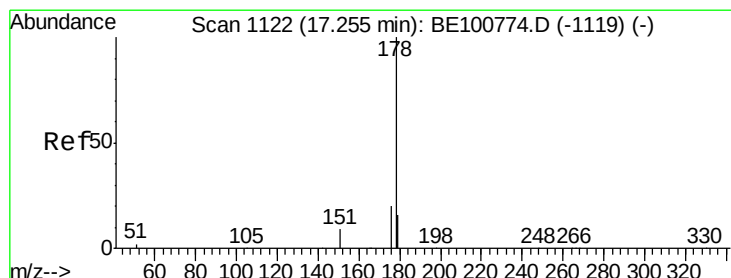
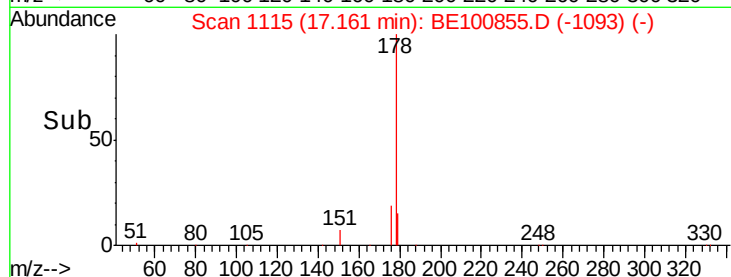
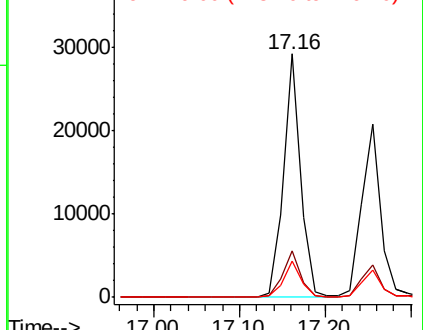


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.418 ng

RT: 17.25 min Scan# 1122

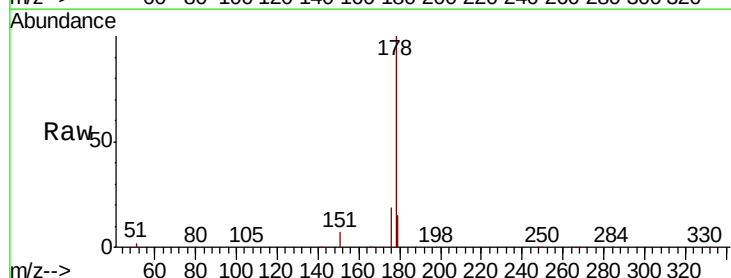
Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Tgt Ion:178 Resp: 31252

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.0	12.7	19.1

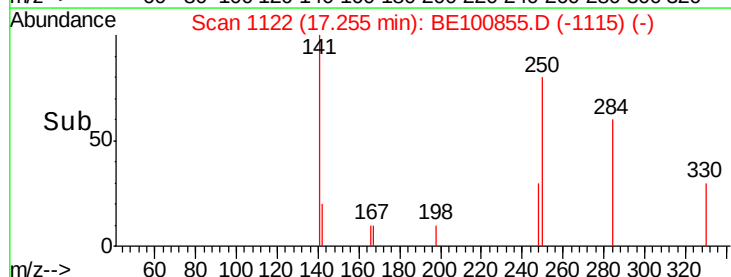
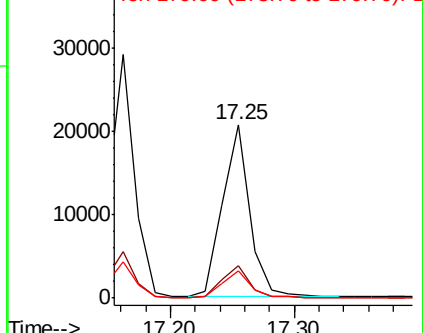


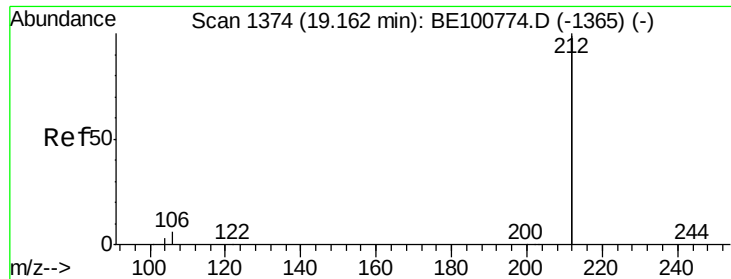
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

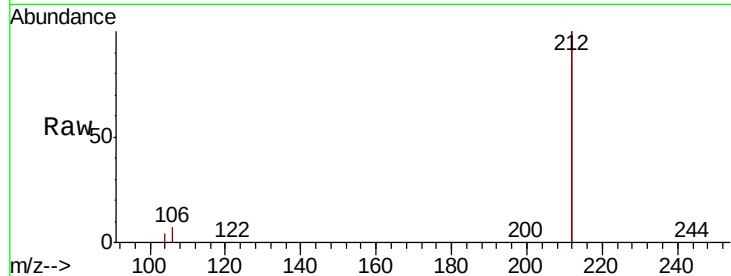
Tot Ion:212 Resp: 128921

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.9 1.4 2.2

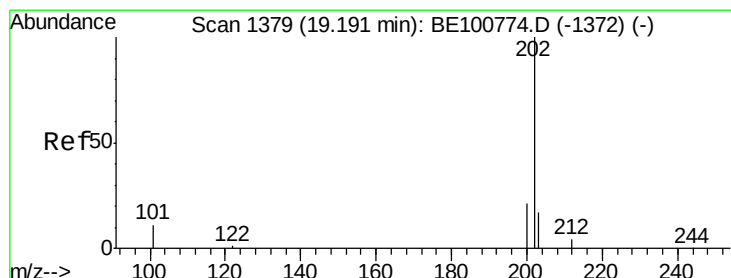
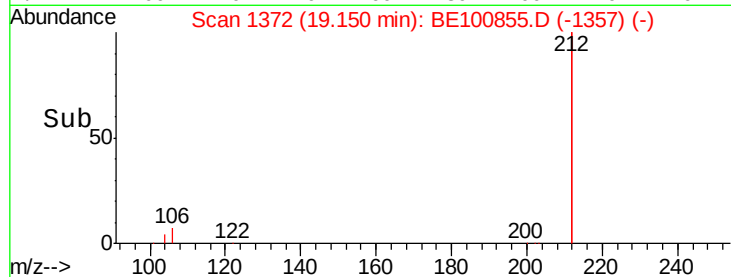
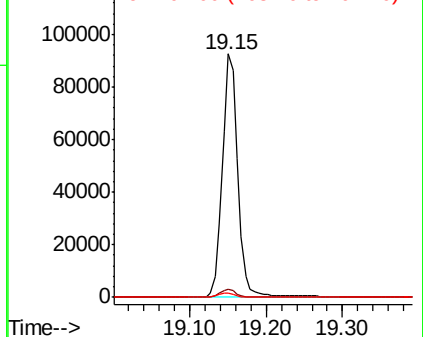


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.383 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

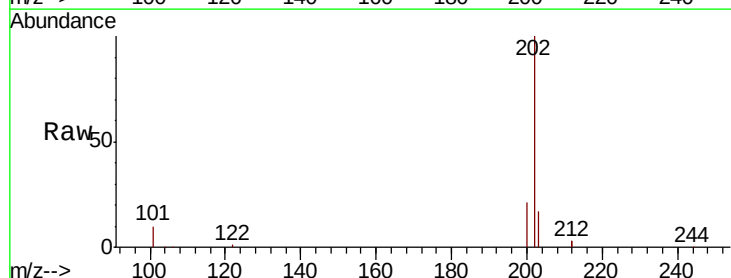
Tgt Ion:202 Resp: 40846

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

203 17.3 13.8 20.6

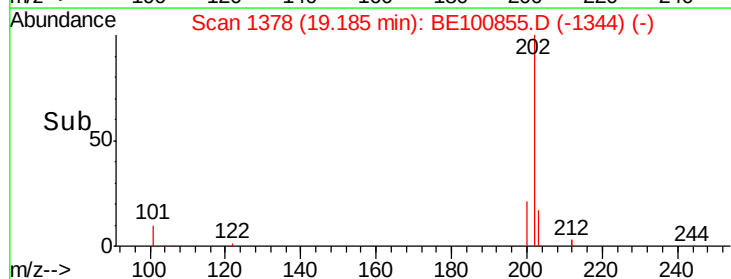
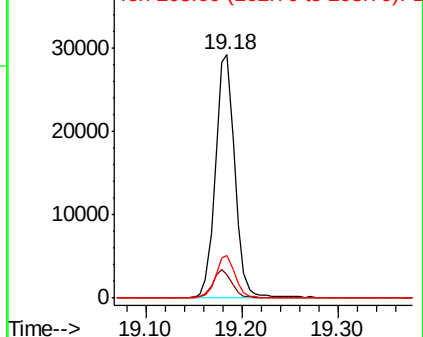


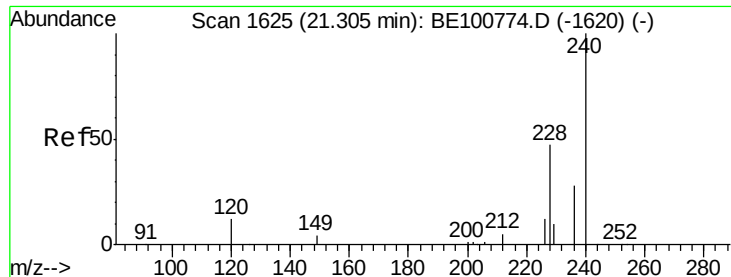
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

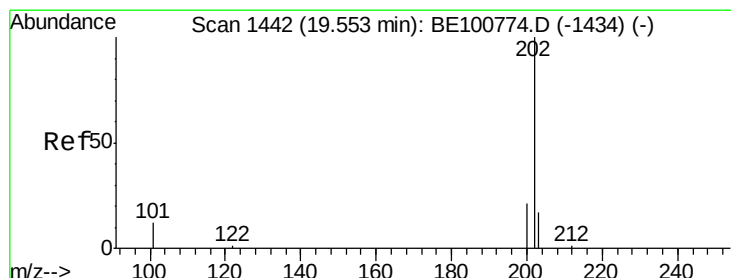
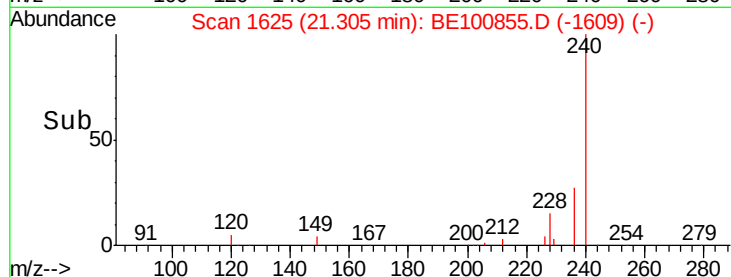
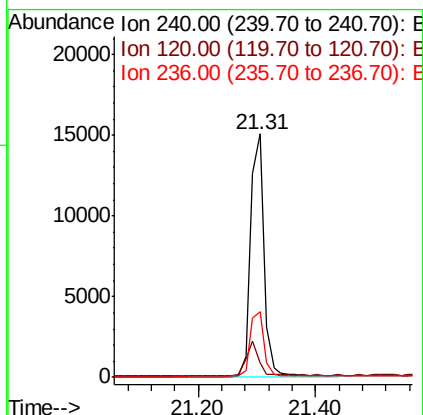
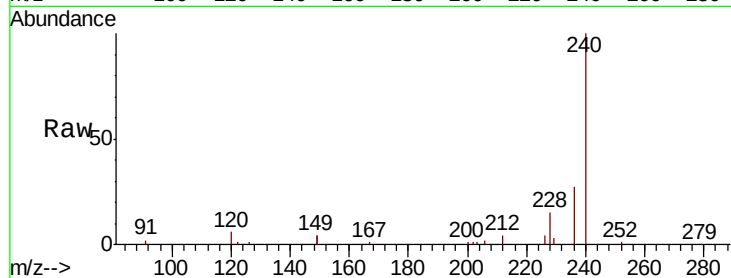




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100855.D
 Acq: 11 Dec 2019 20:34

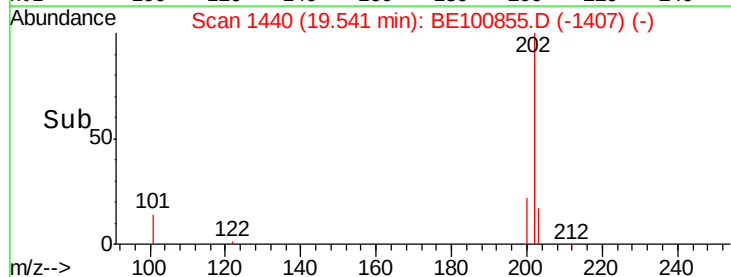
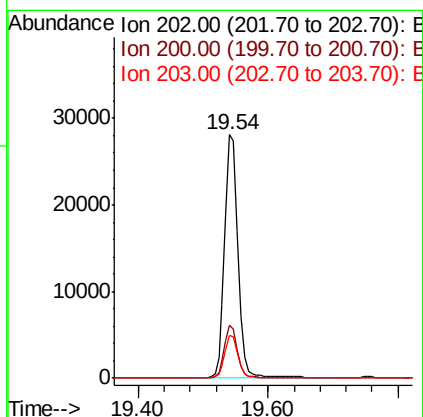
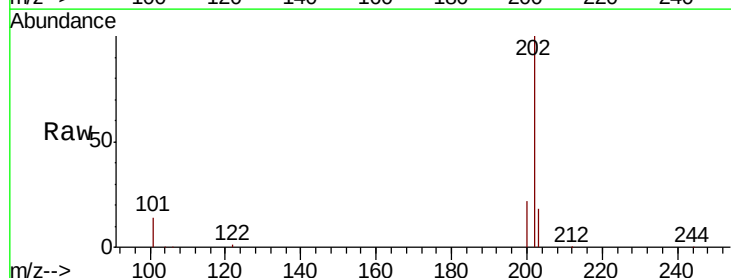
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

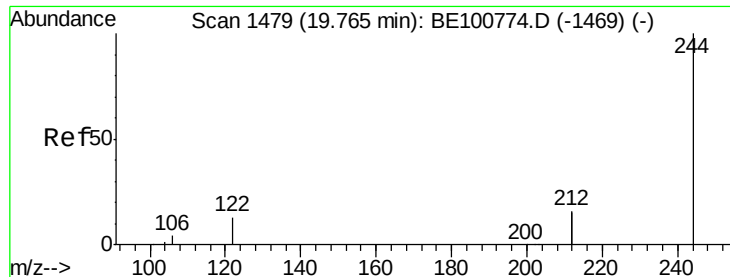
Tot Ion:240 Resp: 24257
 Ion Ratio Lower Upper
 240 100
 120 5.7 10.2 15.2#
 236 27.2 22.3 33.5



#28
 Pyrene
 Concen: 0.503 ng
 RT: 19.54 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BE100855.D
 Acq: 11 Dec 2019 20:34

Tgt Ion:202 Resp: 39666
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.0 25.4
 203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

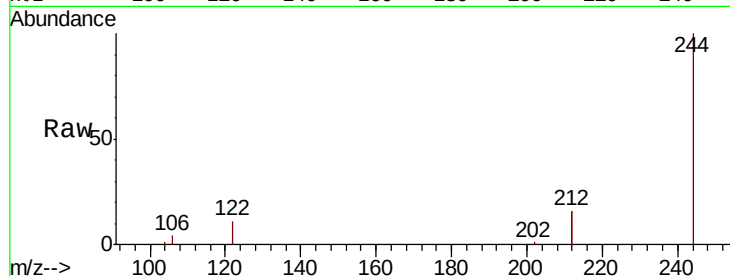
Tot Ion:244 Resp: 26532

Ion Ratio Lower Upper

244 100

212 31.1 26.2 39.4

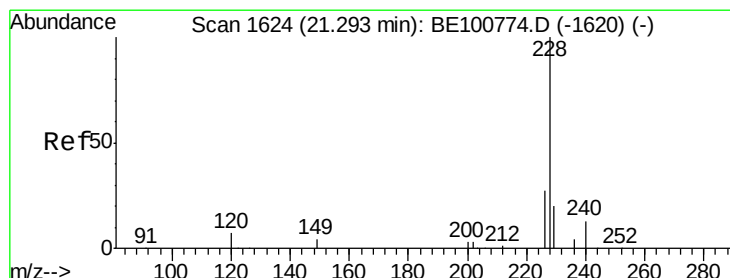
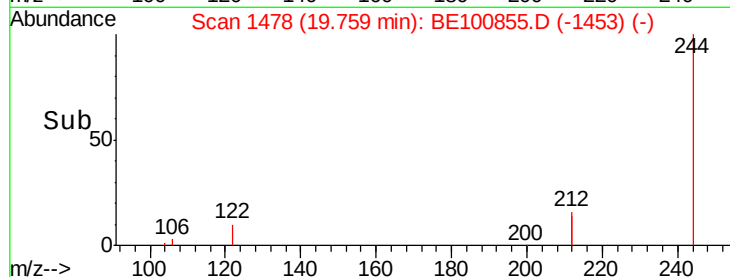
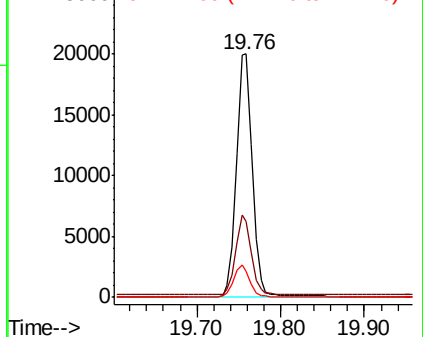
122 10.6 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.443 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

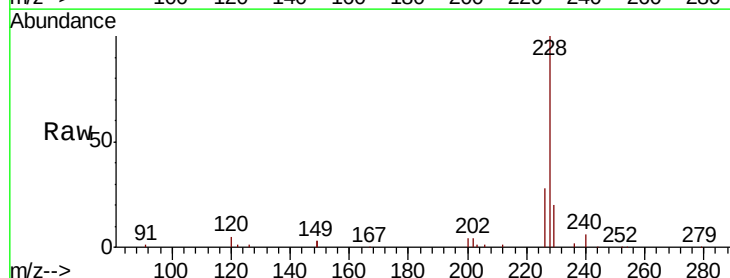
Tgt Ion:228 Resp: 31677

Ion Ratio Lower Upper

228 100

226 27.6 21.5 32.3

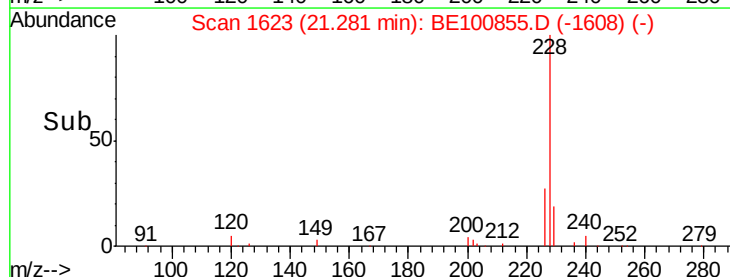
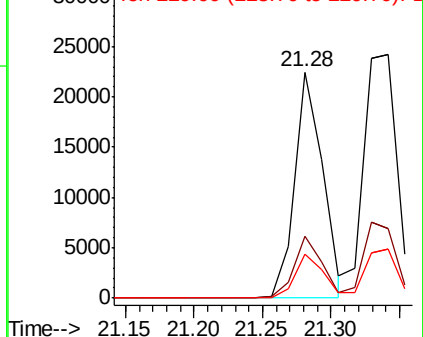
229 19.7 16.0 24.0

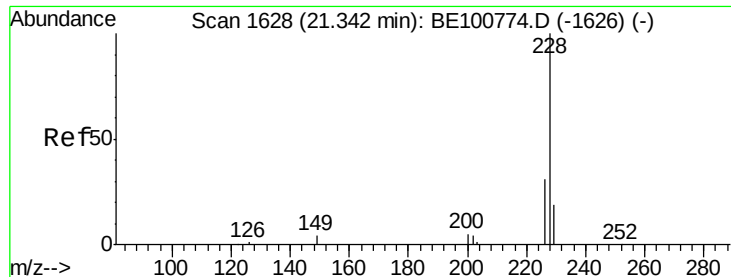


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.484 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

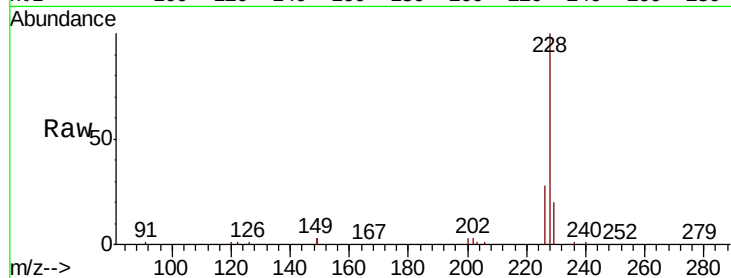
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 40675

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.4
229	20.3	15.4	23.2

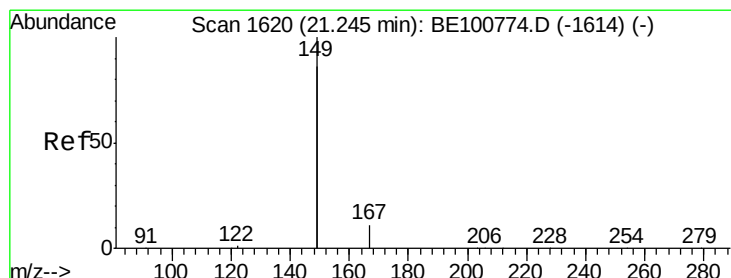
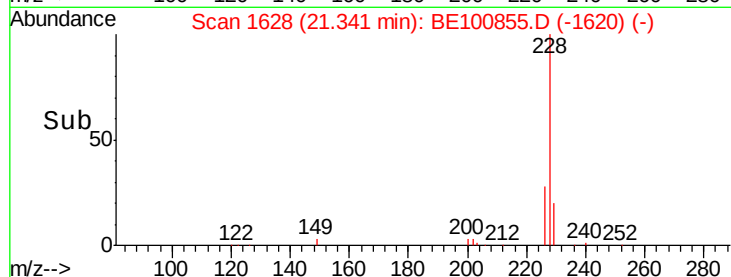
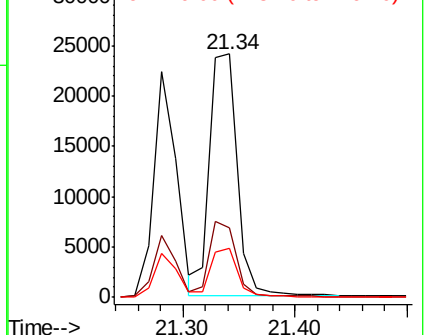


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.581 ng

RT: 21.23 min Scan# 1619

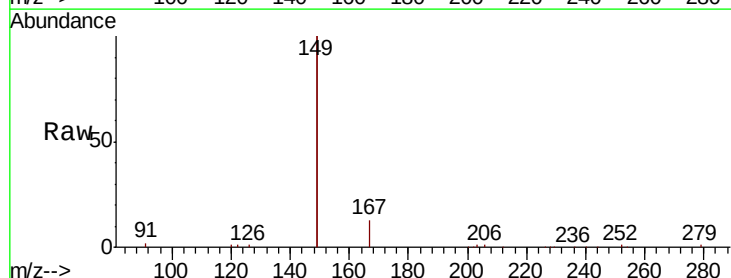
Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Tgt Ion:149 Resp: 29354

Ion	Ratio	Lower	Upper
149	100		
167	6.2	5.0	7.6
279	0.7	0.7	1.1#

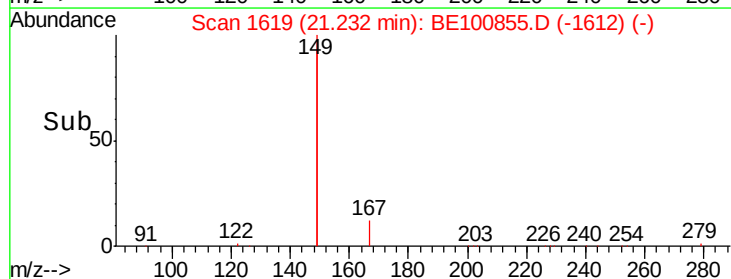
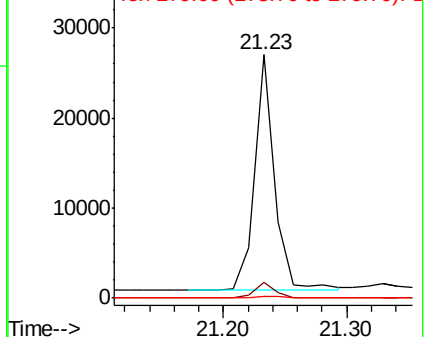


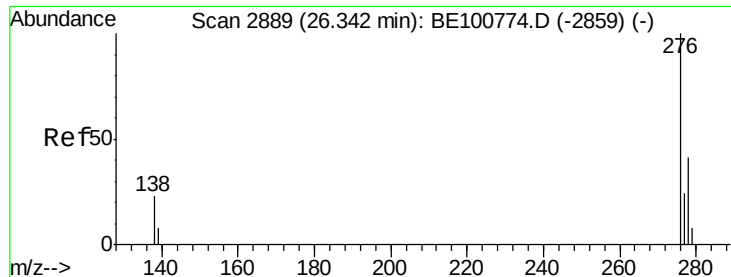
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

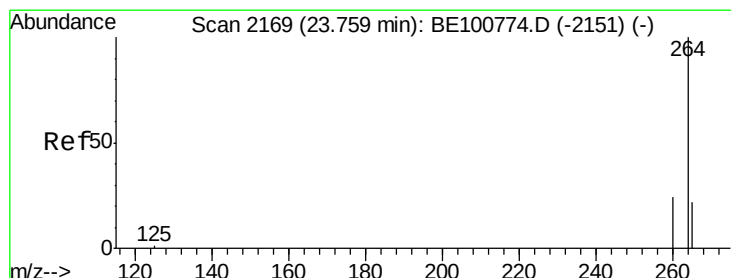
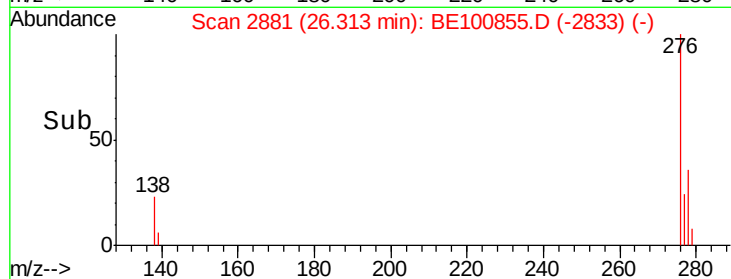
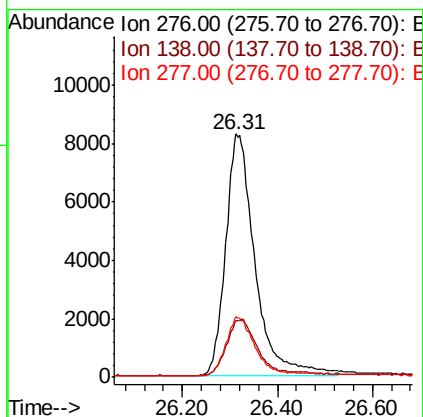
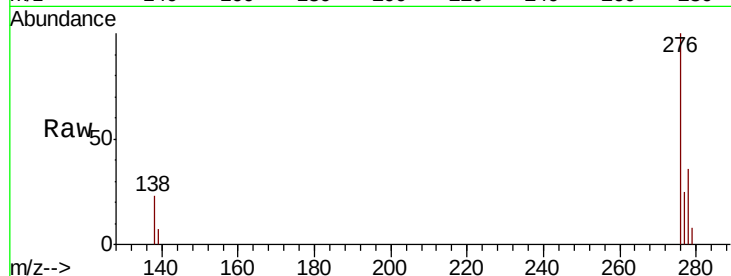




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.485 ng
 RT: 26.31 min Scan# 2881
 Delta R.T. -0.03 min
 Lab File: BE100855.D
 Acq: 11 Dec 2019 20:34

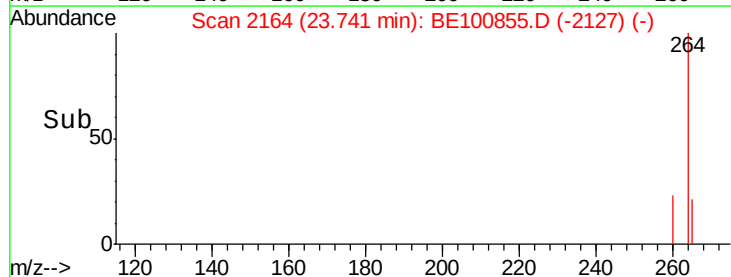
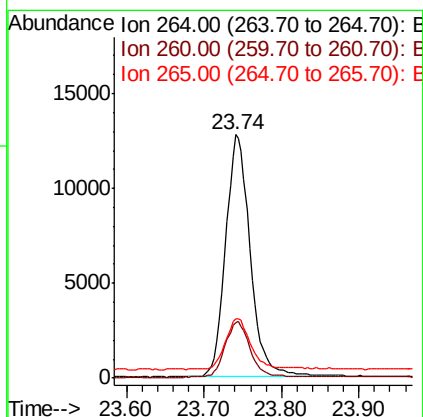
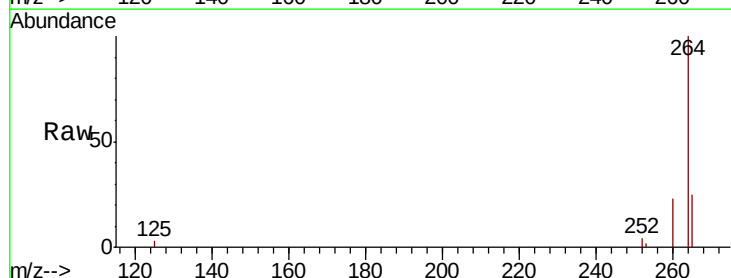
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

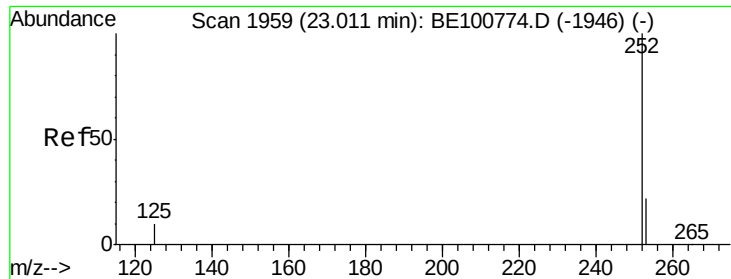
Tot Ion:276 Resp: 35519
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.4 29.0
 277 23.5 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BE100855.D
 Acq: 11 Dec 2019 20:34

Tgt Ion:264 Resp: 28345
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 24.6 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.428 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

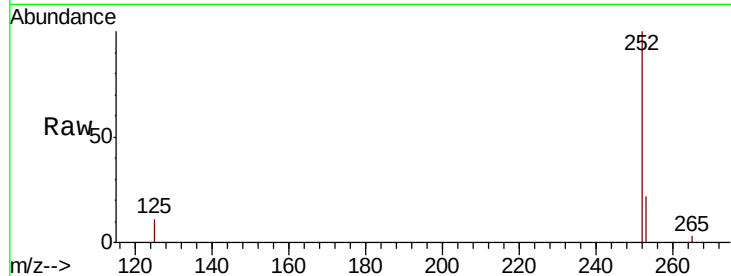
Tot Ion:252 Resp: 33211

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.9 9.0 13.4

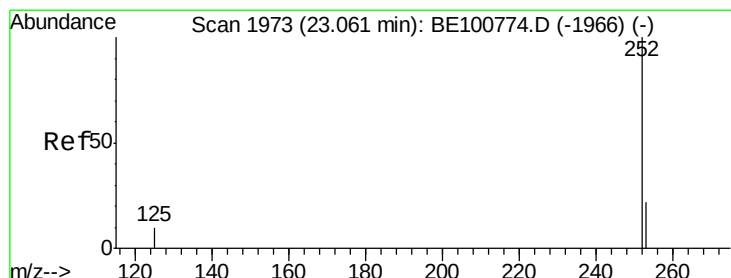
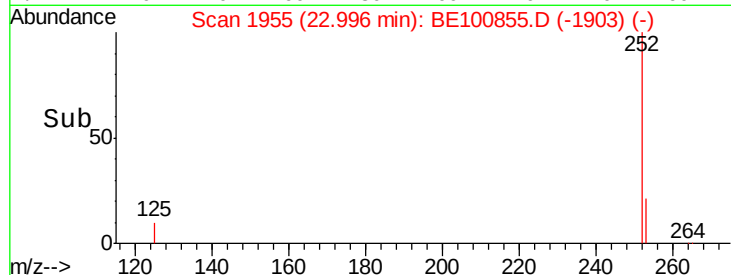
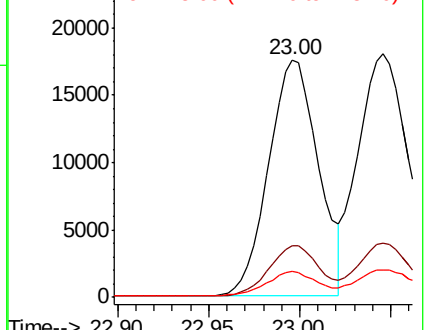


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.433 ng

RT: 23.05 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

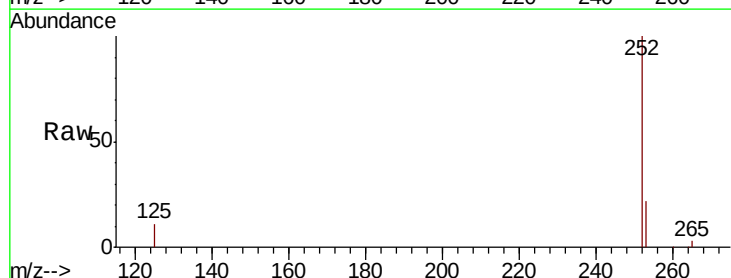
Tgt Ion:252 Resp: 37716

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.4 8.7 13.1

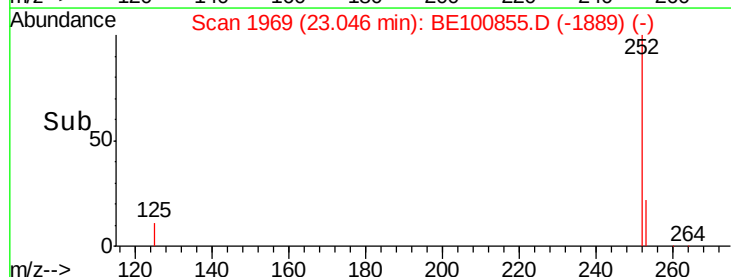
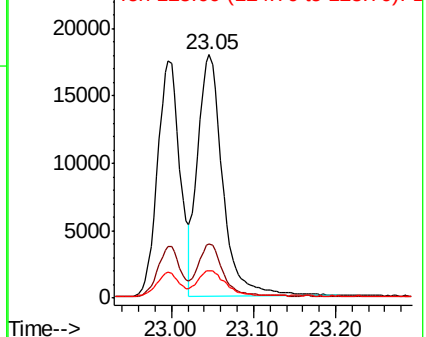


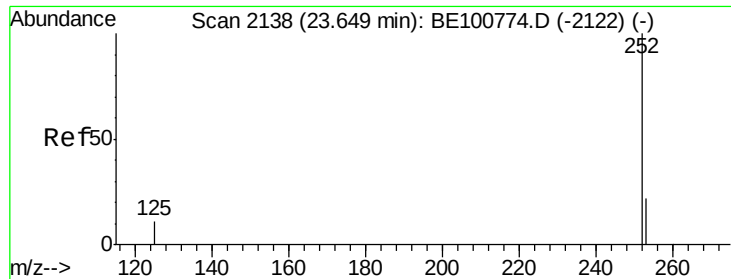
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.415 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

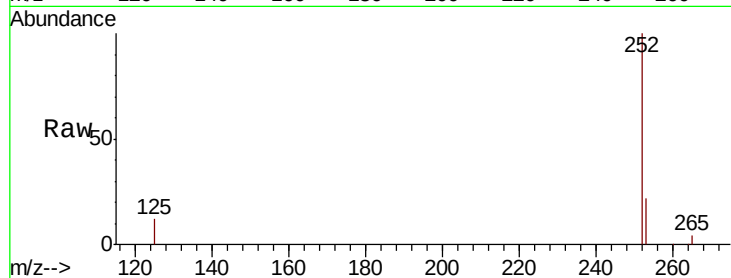
Tot Ion:252 Resp: 27865

Ion Ratio Lower Upper

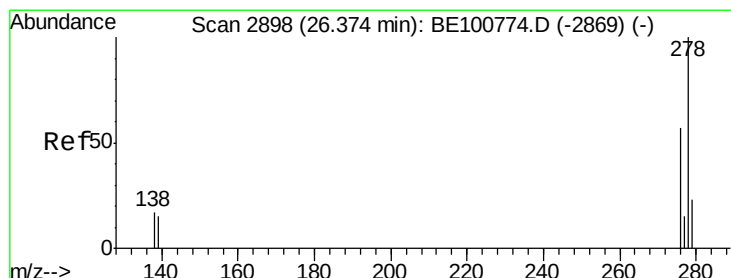
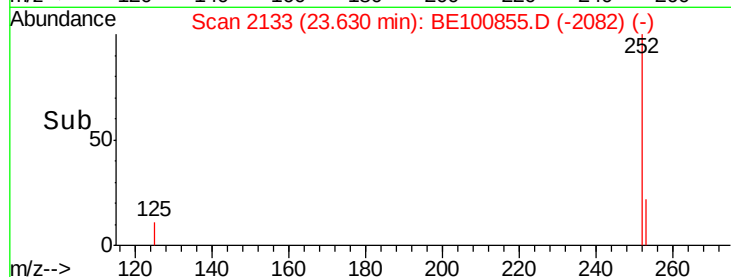
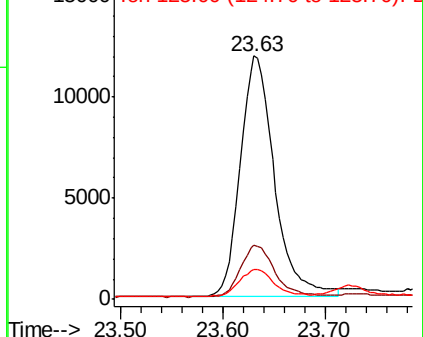
252 100

253 22.4 18.2 27.4

125 12.4 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.428 ng

RT: 26.34 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

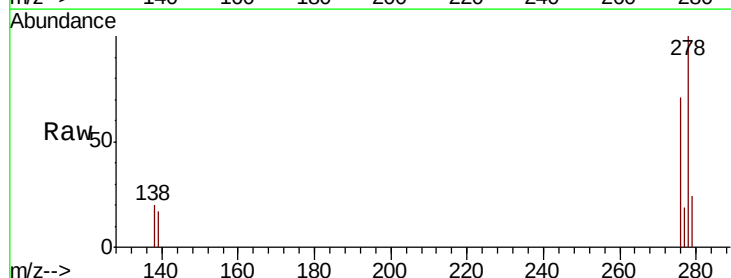
Tgt Ion:278 Resp: 28634

Ion Ratio Lower Upper

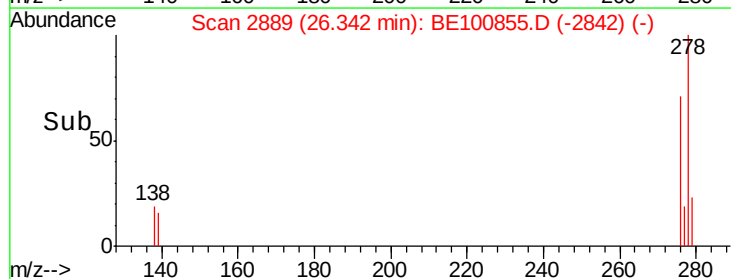
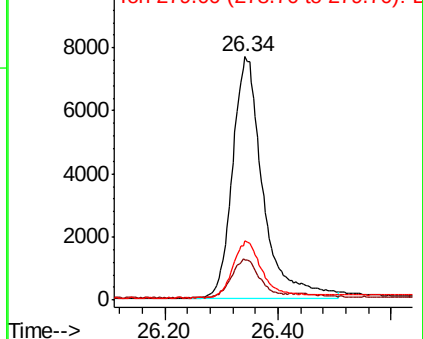
278 100

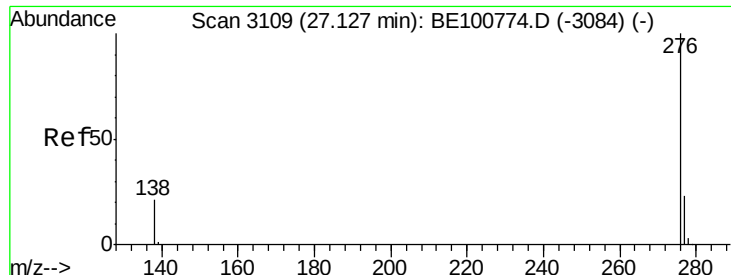
139 16.6 13.0 19.4

279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.444 ng

RT: 27.10 min Scan# 3101

Delta R.T. -0.03 min

Lab File: BE100855.D

Acq: 11 Dec 2019 20:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

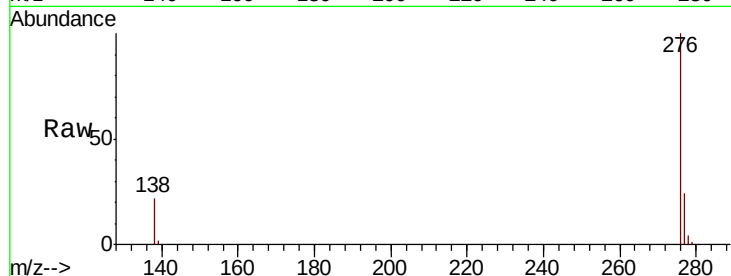
Tot Ion: 276 Resp: 31708

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 22.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

